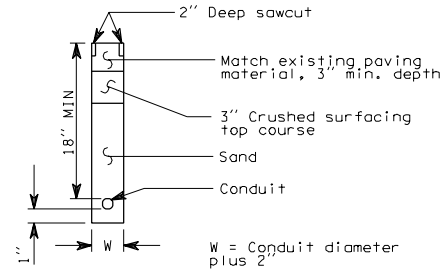


TYPICAL CONDUIT PLACEMENT FOR LOOP LEAD-IN WIRES

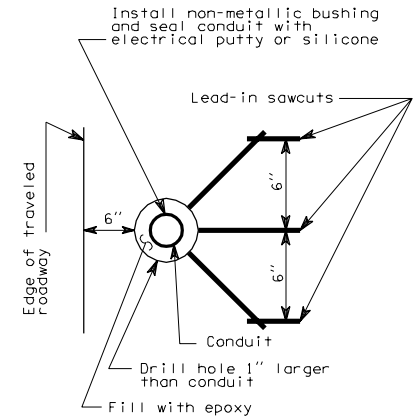
Loop lead pairs	1-2	3	4-5	6-8	9-12
Conduit size (MIN)	1"	1 1/4"	1 1/2"	2"	3"

TABLE A



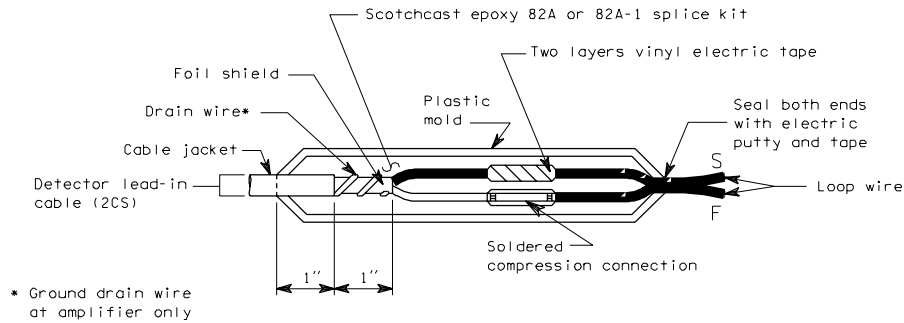
APPLICABLE FOR OFF-ROAD
PAVED AREAS ONLY

SECTION C-C



LEAD - IN SAWCUTS AND CONDUIT PLACEMENT DETAIL

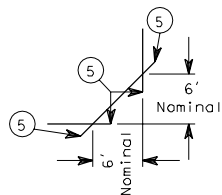
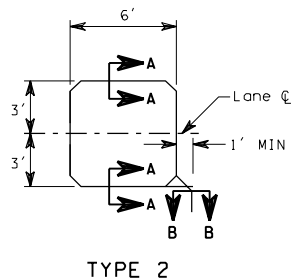
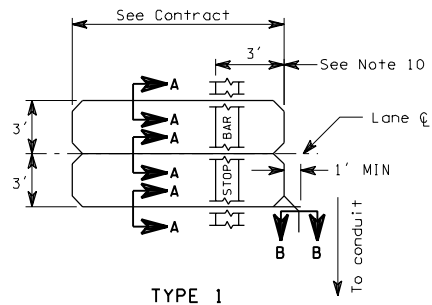
DETAIL A



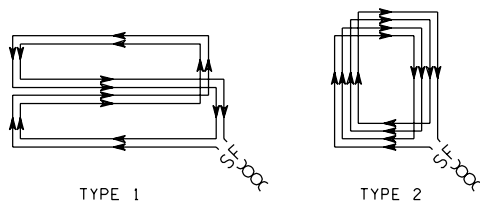
* Ground drain wire at amplifier only

SPLICE DETAIL

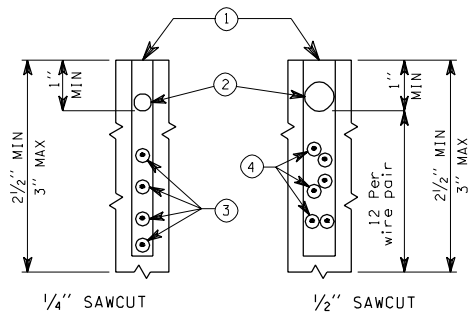
**INDUCTION LOOP
DETAILS**



TYPICAL CORNER SAWCUT
LOOP SAWCUT DETAILS



LOOP WINDING DETAILS



SECTION A-A

SECTION B-B

- ① Sealant
- ② Twisted polypropylene rope (Sized for snug fit)
- ③ Loop wire - number varies (See Loop Winding Details)
- ④ Lead-in wires: One pair for each loop served, three pairs maximum per sawcut (See installation notes)
- ⑤ Extend sawcut sufficient length to provide full sawcut depth around corners

LOOP INSTALLATION NOTES

1. Install junction box and lead-in conduit.
2. Saw loop slots and lead-in slots.
3. Lay out loop wire beginning at junction box, allowing 5' minimum slack.
4. Install wire in loop slot. See Loop Winding Detail.
5. Return to junction box and identify leads with plan detector number and "S" for start and "F" for finish.
6. Twist each pair of lead-in wires two turns per foot from loop to junction box and install in lead-in slot and conduit. Reverse direction of twist for each successive pair installed.
7. Construct supplemental splice containing any series or parallel loop connections required in plans. Supplemental splices are subject to the same requirements shown for the loop lead and shielded cable splice.
8. Splice loop leads or supplemental splice leads to shielded cable as noted.
9. Complete installation and test loop circuits or combination loop circuits.
10. Front of loop should be measured from back of stop bar, or back of crosswalk where no stop bar is installed.
11. Seal ends of conduit.

INDUCTION LOOP DETAILS